CS 337E: Design for Globa Grand Challenges

02. Needfinding

Team Mango

Homeschool Education



Nathan Marks
CS Al Coterm



Christina Kwak
Econ, HCl Coterm



Claire Muscat
CS, HCI Coterm



Grace ZhangCS, HCI Coterm

We conducted needfinding interviews with 8 individuals:

- 4 homeschooling parents (expert)
- 4 homeschooled individuals



Key Insights

- 1. Motivation to Homeschool
- 2. Methods of Teaching
- 3. Peers & Community
- 4. Agency vs. Authority

"Peer influence might have a greater influence than parents on children." – P3



Insight 1: Motivation to Homeschool



"In homeschooling you really get to go your own pace and go fast if you get it or bring in fun things" – P2



"I feel like our public school system is mainly in place to serve parents. It's convenient to drop your kid off because that serves the parents' lifestyle. But I don't think that's a natural way to function as a child. It's an artificial setting." – P4

- Different reasons for homeschooling
 - Religion
 - Competitive sport
 - Flexibility in pacing and opportunities
 - More direct parental influence
- Reason for homeschooling can lead to vastly different experiences and outcomes for their children





"Life is a learning laboratory." – P1 "You only learn by doing." – S7



"The right amount of boredom is the breeding ground for creativity, but too much boredom is the breeding ground for trouble." – P1



"The really great thing about homeschooling was when and if I did find some outsourcing that was remarkable." – P3



Insight 2: Methods of Teaching

- The methods of teaching vary widely:
 - Different teaching philosophies
 - O Developing curriculum and materials
 - Online schooling
 - Exploration and field trips
 - Outsourcing to specialists
 - Focusing on the parents' strengths
- The interaction between the student and the parent/teacher is extremely important
 - O Good feedback creates a positive learning environment

"What really got me into [Arts] was finding a wide variety of people and artistic artifacts I wanted to be able to also create, which I was exposed to because of meeting and talking with people; things like indie video games, exploring and being a part of communities of artists" – S3



"Giving them the chance to cultivate relationships with their siblings instead of sending them off is a really big gift." - P4



"I didn't have that much trouble finding new friends or adapting. I had enough social experience. My mom did involve us with other communities pretty often. It wasn't the first time I was involved in group dynamics." – S1





Insight 3: Peers & Community

- There are a variety of ways that children can make friends while being homeschooled
 - Homeschooling co-op
 - Church / youth group, Scouts
 - Sports, Music, Extracurriculars
 - Personal outreach/interest groups
- Important for kids to spend time with others their same age, with "different backgrounds, similar interests" to explore and foster their own passions
- Cultivating home relationships and friendships with siblings
- Struggles with forming deep connections before transitioning to public school

"When it's just me [instructing my daughter], I think she feels like, 'Oh, Mom's just telling me what to do.' She loves the content-based subjects, but with the skill-based subjects it's just a little harder to get the buy-in with her." – P4



"Parents say: you're my kid. I know what's best for you. But they forget that the kid needs to have some agency in the process as well." – S3



"The love of learning will be tanked if the child does not have bedrock of respect for authority in their life." – P3





Insight 4: Agency vs. Authority

- Balance between student agency and parental authority
- Parents must decide how much autonomy to give their children in the learning process
 - Ongoing calibration while children find independence and interests
- Recurring theme: importance of attitude toward learning
- **Downsides**: potential for unhealthy power dynamics that have negative impacts on education and relationships

Questions?

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Empathy Maps

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